

10/563,471

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes
NEWS	3	AUG 18	COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS	4	AUG 24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS	5	AUG 24	CA/CAplus enhanced with legal status information for U.S. patents
NEWS	6	SEP 09	50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS	7	SEP 11	WPIDS, WPIINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS	8	OCT 21	Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded
NEWS	9	OCT 21	Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models
NEWS	10	NOV 23	Addition of SCAN format to selected STN databases
NEWS	11	NOV 23	Annual Reload of IFI Databases
NEWS	12	DEC 01	FRFULL Content and Search Enhancements
NEWS	13	DEC 01	DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets
NEWS	14	DEC 02	Derwent World Patent Index: Japanese FI-TERM thesaurus added
NEWS	15	DEC 02	PCTGEN enhanced with patent family and legal status display data from INPADOCDB
NEWS	16	DEC 02	USGENE: Enhanced coverage of bibliographic and sequence information
NEWS	17	DEC 21	New Indicator Identifies Multiple Basic Patent Records Containing Equivalent Chemical Indexing in CA/CAplus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

**NEWS HOURS** STN Operating Hours Plus Help Desk Availability  
**NEWS LOGIN** Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:24:01 ON 11 JAN 2010

=> file reg  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY TOTAL  
SESSION  
FULL ESTIMATED COST 0.66 0.66

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FILE 'REGISTRY' ENTERED AT 13:25:35 ON 11 JAN 2010  
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STRUCTURE FILE UPDATES: 10 JAN 2010 HIGHEST RN 1201787-64-5  
DICTIONARY FILE UPDATES: 10 JAN 2010 HIGHEST RN 1201787-64-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10563471x.str

L1 STRUCTURE uploaded

=> d l1  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 13:26:01 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 56 TO ITERATE

100.0% PROCESSED 56 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

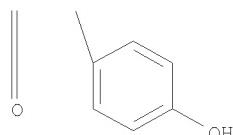
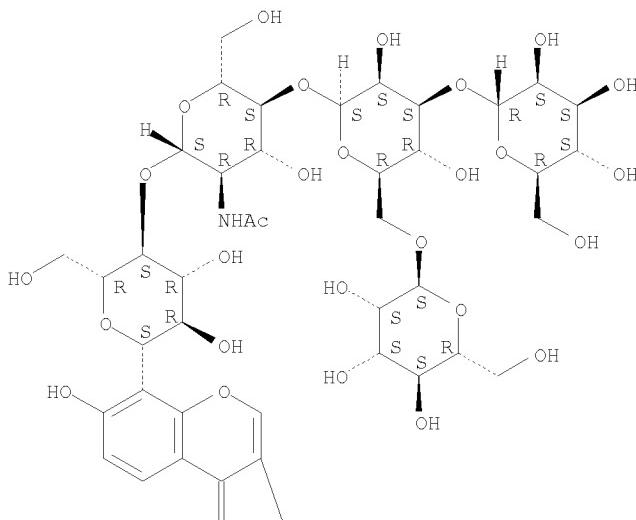
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 672 TO 1568  
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN  
IN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[O- $\alpha$ -D-  
mannopyranosyl-(1 $\rightarrow$ 3)-O- $[\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 6)]-O-  
 $\beta$ -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-2-(acetylamino)-2-deoxy- $\beta$ -D-  
glucopyranosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucopyranosyl]-  
MF C47 H63 N O29

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

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FULL SEARCH INITIATED 13:26:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1035 TO ITERATE
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100.0% PROCESSED 1035 ITERATIONS
SEARCH TIME: 00.00.01
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L3 57 SEA SSS FUL L1

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	192.03	192.69

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FILE 'CAPLUS' ENTERED AT 13:26:29 ON 11 JAN 2010
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```

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FILE COVERS 1907 - 11 Jan 2010 VOL 152 ISS 3  
FILE LAST UPDATED: 10 Jan 2010 (20100110/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

Cplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13  
L4 1728 L3

=> file reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
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FILE 'REGISTRY' ENTERED AT 13:26:44 ON 11 JAN 2010  
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STRUCTURE FILE UPDATES: 10 JAN 2010 HIGHEST RN 1201787-64-5  
DICTIONARY FILE UPDATES: 10 JAN 2010 HIGHEST RN 1201787-64-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d his

(FILE 'HOME' ENTERED AT 13:24:01 ON 11 JAN 2010)

FILE 'REGISTRY' ENTERED AT 13:25:35 ON 11 JAN 2010  
L1 STRUCTURE uploaded  
L2 1 S L1  
L3 57 S L1 FULL

FILE 'CAPLUS' ENTERED AT 13:26:29 ON 11 JAN 2010  
L4 1728 S L3

FILE 'REGISTRY' ENTERED AT 13:26:44 ON 11 JAN 2010

=> d 1-57 13

L3 ANSWER 1 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 1196677-60-7 REGISTRY  
ED Entered STN: 09 Dec 2009  
CN 4H-1-Benzopyran-4-one, 8-(4-O- $\beta$ -D-galactopyranosyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H30 O14

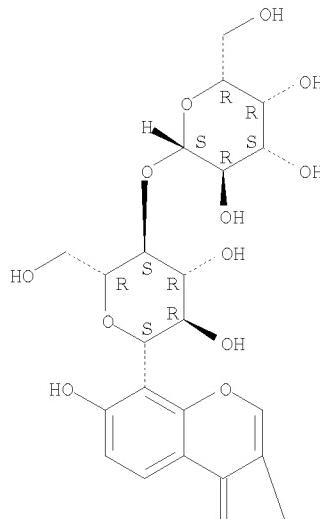
McIntosh

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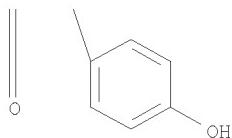
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LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

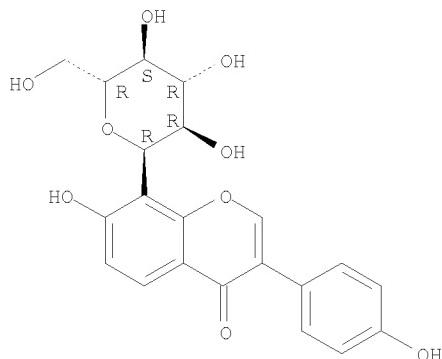
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 1150314-49-0 REGISTRY  
ED Entered STN: 28 May 2009  
CN 4H-1-Benzopyran-4-one, 8-alpha-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)

OTHER NAMES:

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SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

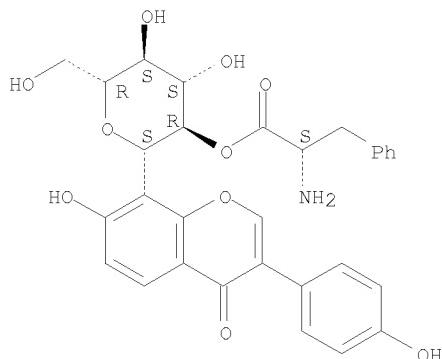


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 RN 1116449-00-3 REGISTRY  
 ED Entered STN: 06 Mar 2009  
 CN L-Phenylalanine, 2'-ester with 8-beta-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 8-[2-O-[(2S)-2-amino-1-oxo-3-phenylpropyl]-beta-D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-  
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 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



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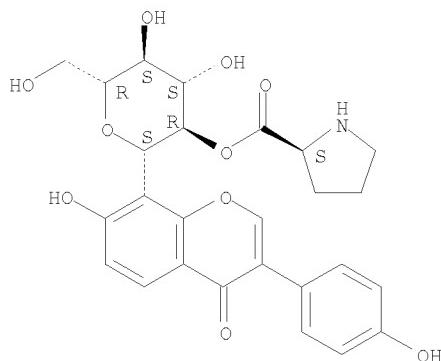
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 ED Entered STN: 06 Mar 2009  
 CN L-Proline, 2'-ester with 8-beta-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[2-O-[(2S)-2-pyrrolidinylcarbonyl]-beta-D-glucopyranosyl]-

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FS STEREOSEARCH  
MF C26 H27 N O10  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

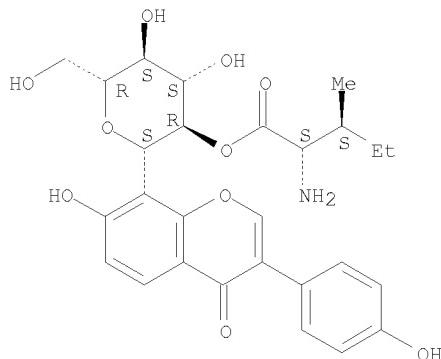


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 1116448-95-3 REGISTRY  
ED Entered STN: 06 Mar 2009  
CN L-Isoleucine, 2'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
OTHER NAMES:  
CN 4H-1-Benzopyran-4-one, 8-[2-O-[(2S,3S)-2-amino-3-methyl-1-oxopentyl]- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-  
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LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

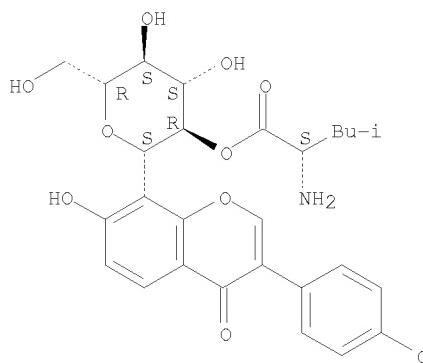


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L3 ANSWER 6 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 1116448-93-1 REGISTRY  
 ED Entered STN: 06 Mar 2009  
 CN L-Leucine, 2'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 8-[2-O-[(2S)-2-amino-4-methyl-1-oxopentyl]- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-  
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Absolute stereochemistry.

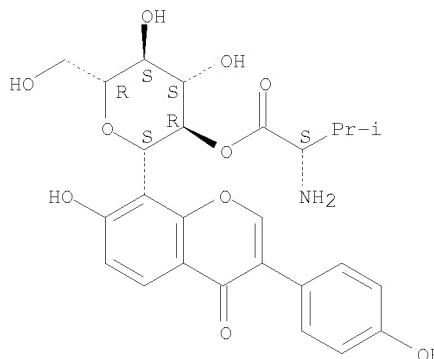


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 RN 1116448-91-9 REGISTRY  
 ED Entered STN: 06 Mar 2009  
 CN L-Valine, 2'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 8-[2-O-[(2S)-2-amino-3-methyl-1-oxobutyl]- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-  
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 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

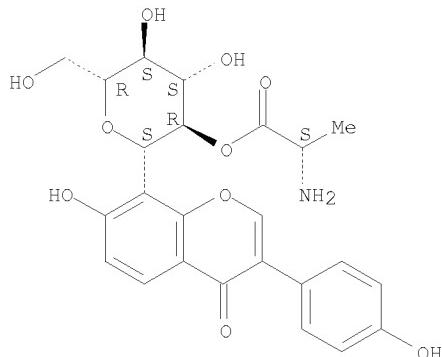


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 RN 1116448-89-5 REGISTRY  
 ED Entered STN: 06 Mar 2009  
 CN L-Alanine, 2'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 8-[2-O-[(2S)-2-amino-1-oxopropyl]- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-  
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 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



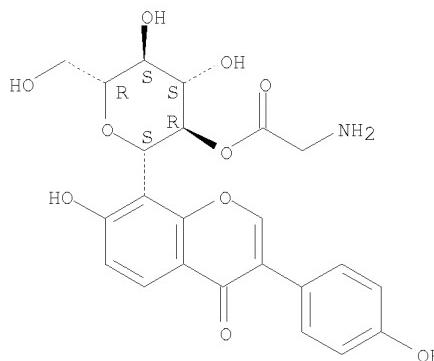
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 RN 1116448-87-3 REGISTRY  
 ED Entered STN: 06 Mar 2009  
 CN Glycine, 2'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 8-[2-O-(2-aminoacetyl)- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)-

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Absolute stereochemistry.

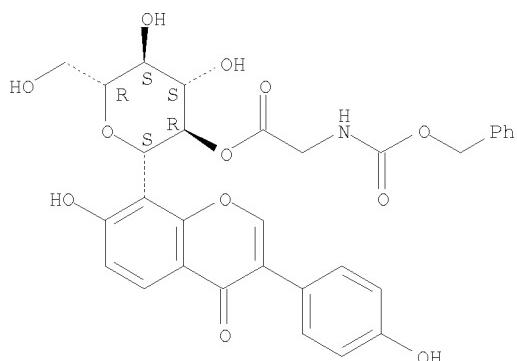


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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 ED Entered STN: 06 Mar 2009  
 CN Glycine, N-[{(phenylmethoxy)carbonyl]-, 2'-ester with  
 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-  
 one (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[2-O-[2-  
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Absolute stereochemistry.



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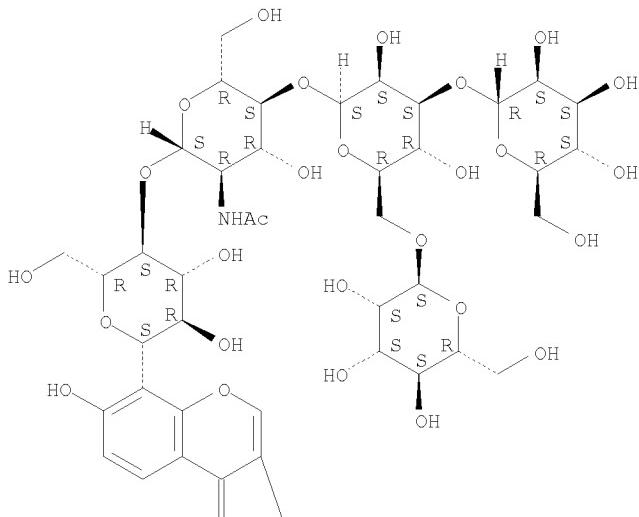
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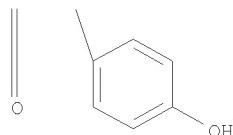
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 RN 1093135-90-0 REGISTRY  
 ED Entered STN: 09 Jan 2009  
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 FS STEREOSEARCH  
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 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

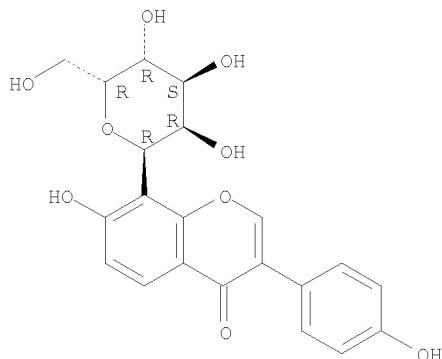


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L3 ANSWER 12 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
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 ED Entered STN: 31 Oct 2008  
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Relative stereochemistry.

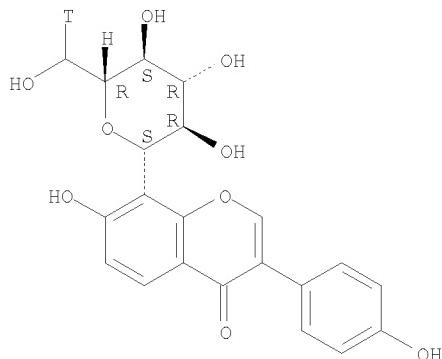


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 1029605-76-2 REGISTRY  
ED Entered STN: 20 Jun 2008  
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SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

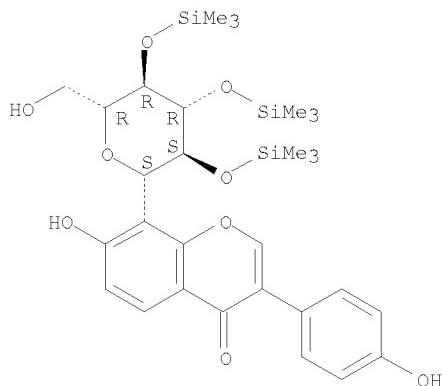
Absolute stereochemistry.



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RN 1029605-72-8 REGISTRY  
ED Entered STN: 20 Jun 2008  
CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[2,3,4-tris-O-(trimethylsilyl)- $\beta$ -D-glucopyranosyl]- (CA INDEX NAME)  
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Absolute stereochemistry.

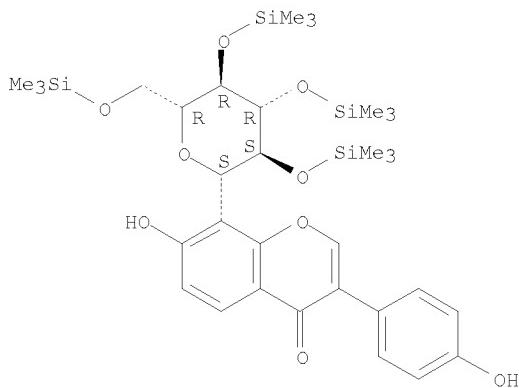


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 1029605-69-3 REGISTRY  
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LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

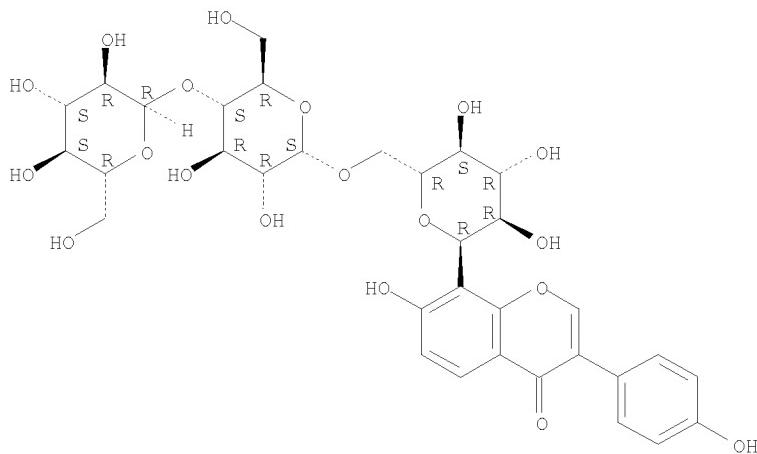


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RN 1009040-97-4 REGISTRY  
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CN 4H-1-Benzopyran-4-one, 8-(O-α-D-glucopyranosyl-(1→4)-O-α-D-glucopyranosyl-(1→6)-O-α-D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl) - (CA INDEX NAME)  
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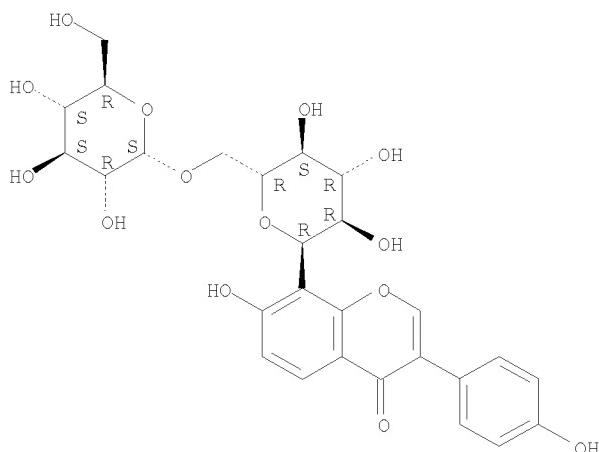


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RN 1009040-95-2 REGISTRY  
ED Entered STN: 20 Mar 2008  
CN 4H-1-Benzopyran-4-one, 8-(6-O- $\alpha$ -D-glucopyranosyl- $\alpha$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H30 O14  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

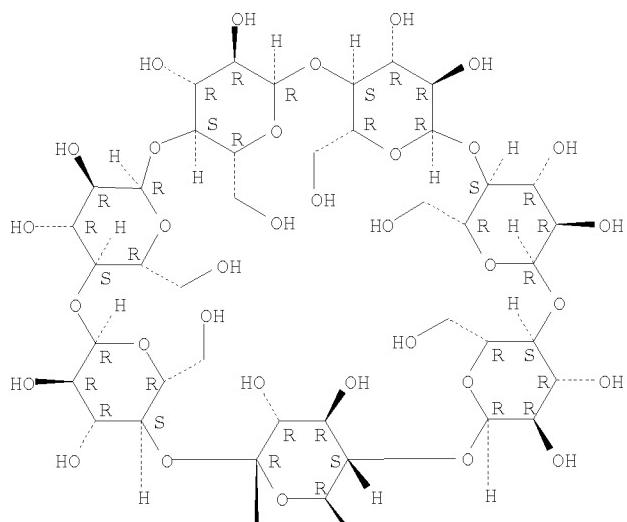
L3 ANSWER 18 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 942997-02-6 REGISTRY  
ED Entered STN: 20 Jul 2007  
CN  $\beta$ -Cyclodextrin, compd. with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (1:1) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C42 H70 O35 . C21 H20 O9  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 7585-39-9  
CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A



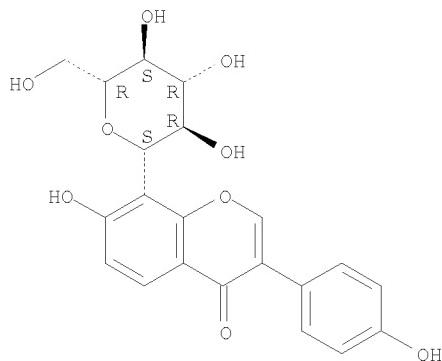
PAGE 2-A



CM 2

CRN 3681-99-0  
CMF C21 H20 O9

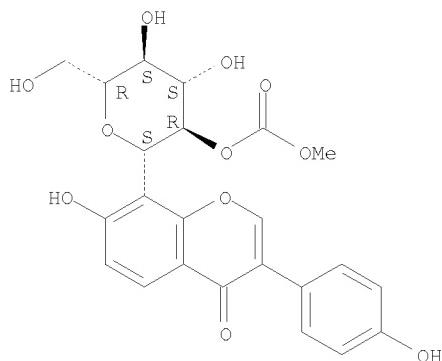
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 19 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 934696-16-9 REGISTRY  
ED Entered STN: 14 May 2007  
CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[2-O-(methoxycarbonyl)- $\beta$ -D-glucopyranosyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H22 O11  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

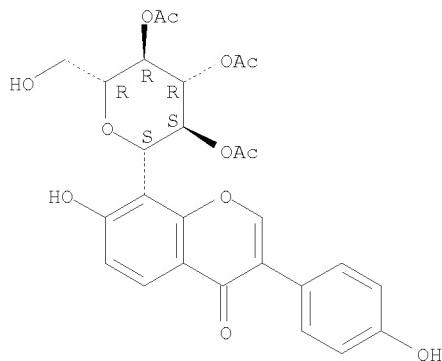


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 20 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 934696-14-7 REGISTRY  
ED Entered STN: 14 May 2007  
CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-(2,3,4-tri-O-acetyl- $\beta$ -D-glucopyranosyl)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C27 H26 O12  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

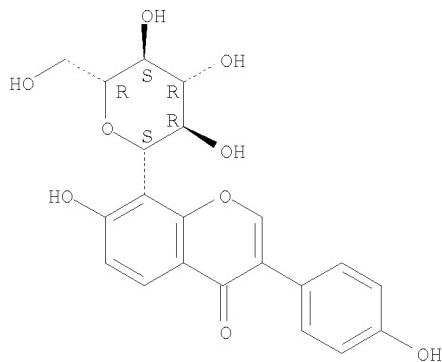
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 21 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 909910-86-7 REGISTRY  
ED Entered STN: 09 Oct 2006  
CN L-Arginine, mixt. with 8-β-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Puerarin-L-arginine mixt.  
FS STEREOSEARCH  
MF C21 H20 O9 . C6 H14 N4 O2  
CI MXS  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 3681-99-0  
CMF C21 H20 O9

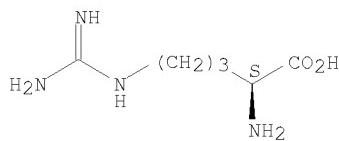
Absolute stereochemistry.



CM 2

CRN 74-79-3  
CMF C6 H14 N4 O2

Absolute stereochemistry.



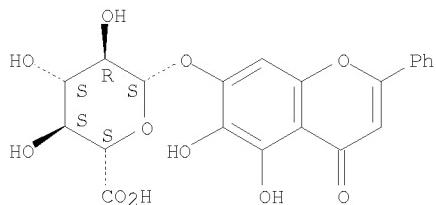
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 22 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 908562-08-3 REGISTRY  
 ED Entered STN: 26 Sep 2006  
 CN  $\beta$ -D-Glucopyranosiduronic acid,  
 5,6-dihydroxy-4-oxo-2-phenyl-4H-1-benzopyran-7-yl, mixt. with  
 2-aminoethanesulfonic acid and 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-  
 hydroxyphenyl)-4H-1-benzopyran-4-one (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C21 H20 O9 . C21 H18 O11 . C2 H7 N O3 S  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 21967-41-9  
CMF C21 H18 O11

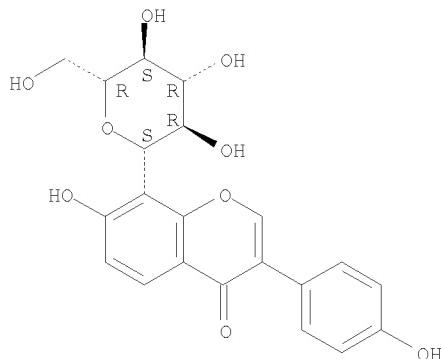
Absolute stereochemistry.



CM 2

CRN 3681-99-0  
CMF C21 H20 O9

Absolute stereochemistry.



CM 3

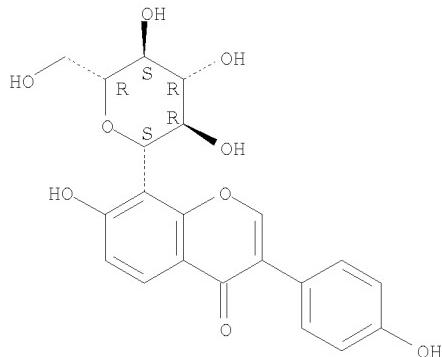
CRN 107-35-7  
CMF C2 H7 N O3 S

H<sub>2</sub>N—CH<sub>2</sub>—CH<sub>2</sub>—SO<sub>3</sub>H

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 23 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 905916-36-1 REGISTRY  
ED Entered STN: 06 Sep 2006  
CN 4H-1-Benzopyran-4-one, 8-β-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-, dipotassium salt (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Puerarin dipotassium salt  
FS STEREOSEARCH  
MF C<sub>21</sub> H<sub>20</sub> O<sub>9</sub> . 2 K  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER  
CRN (3681-99-0)

Absolute stereochemistry.

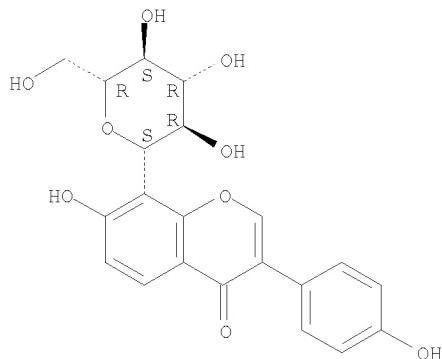


●2 K

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 24 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 905916-34-9 REGISTRY  
ED Entered STN: 06 Sep 2006  
CN 4H-1-Benzopyran-4-one, 8-β-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-, disodium salt (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Puerarin disodium salt  
FS STEREOSEARCH  
MF C<sub>21</sub> H<sub>20</sub> O<sub>9</sub> . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER  
CRN (3681-99-0)

Absolute stereochemistry.

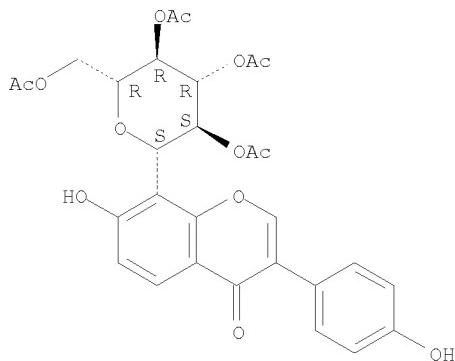


●2 Na

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 25 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 882979-97-7 REGISTRY  
 ED Entered STN: 05 May 2006  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-(2,3,4,6-tetra-O-acetyl-β-D-glucopyranosyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C29 H28 O13  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Absolute stereochemistry.



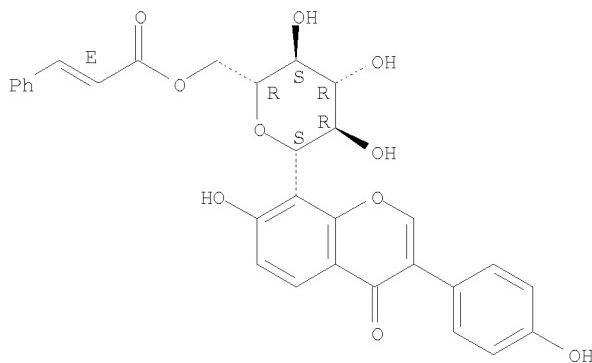
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 26 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 872426-98-7 REGISTRY  
 ED Entered STN: 23 Jan 2006  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[6-O-[(2E)-1-oxo-3-phenyl-2-propen-1-yl]-β-D-glucopyranosyl]- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[6-O-[(2E)-1-oxo-3-phenyl-2-propenyl]-β-D-glucopyranosyl]- (9CI)  
 OTHER NAMES:  
 CN 6 ''-Cinnamoylpuerarin  
 FS STEREOSEARCH  
 MF C30 H26 O10

SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.  
 Double bond geometry as shown.

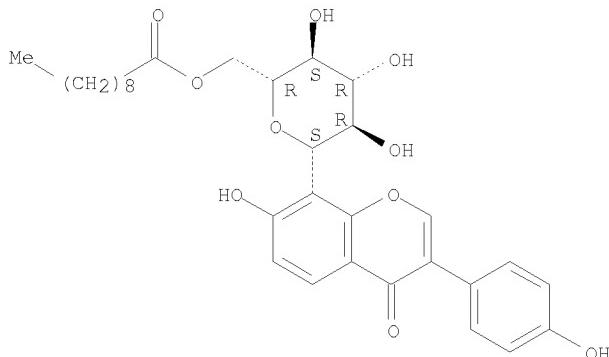


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 27 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 872426-97-6 REGISTRY  
 ED Entered STN: 23 Jan 2006  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[6-O-(1-oxodecyl)-  
 β-D-glucopyranosyl]- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 6 ''-Decanoylpuerarin  
 FS STEREOSEARCH  
 MF C31 H38 O10  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



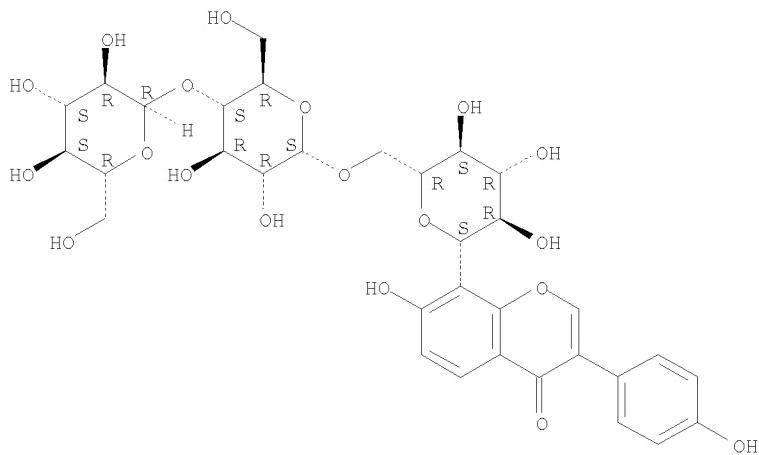
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 28 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 824959-76-4 REGISTRY  
 ED Entered STN: 03 Feb 2005

CN 4H-1-Benzopyran-4-one, 8-(O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 6)- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C33 H40 O19  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

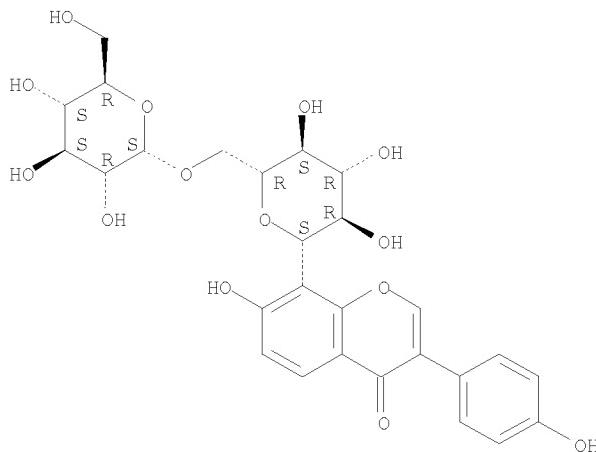


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 29 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 824959-75-3 REGISTRY  
 ED Entered STN: 03 Feb 2005  
 CN 4H-1-Benzopyran-4-one, 8-(6-O- $\alpha$ -D-glucopyranosyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C27 H30 O14  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

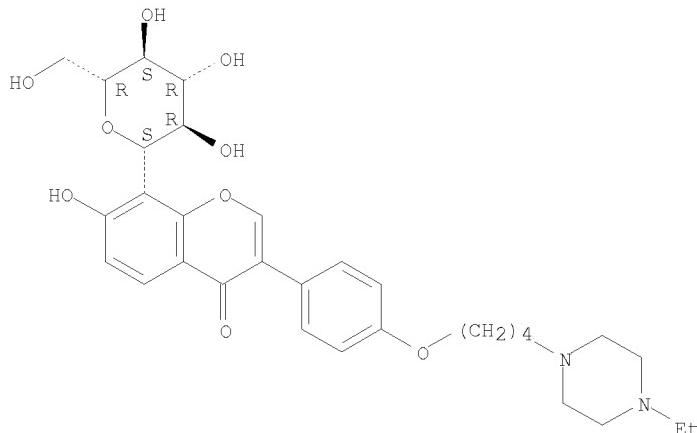


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 30 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 816423-92-4 REGISTRY  
 ED Entered STN: 19 Jan 2005  
 CN 4H-1-Benzopyran-4-one, 3-[4-[4-(4-ethyl-1-piperazinyl)butoxy]phenyl]-8-  
   β-D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C31 H40 N2 O9  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



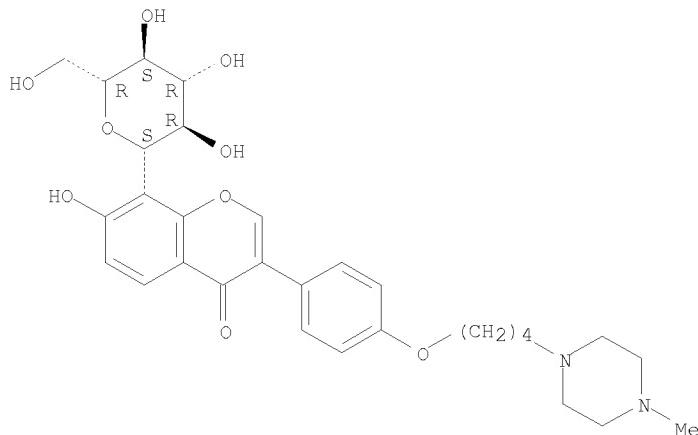
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 31 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 816423-91-3 REGISTRY  
 ED Entered STN: 19 Jan 2005  
 CN 4H-1-Benzopyran-4-one, 8-β-D-glucopyranosyl-7-hydroxy-3-[4-[4-(4-

FS methyl-1-piperazinyl)butoxy]phenyl]- (CA INDEX NAME)  
MF STEREOSEARCH  
MF C30 H38 N2 O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

## Absolute stereochemistry.

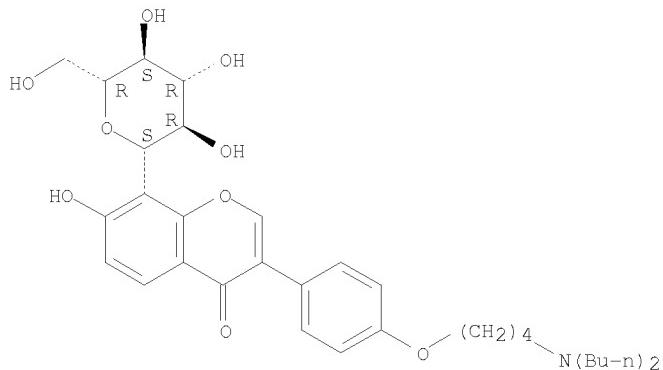


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 32 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-90-2 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 3-[4-[4-(dibutylamino)butoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C33 H45 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

## Absolute stereochemistry.



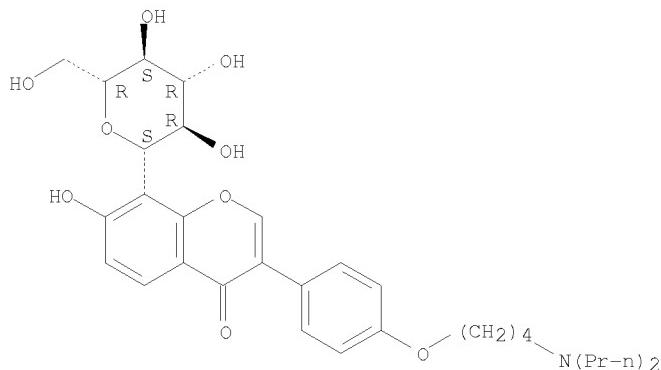
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L3 ANSWER 33 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-89-9 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 3-[4-[4-(dipropylamino)butoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C31 H41 N 09  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

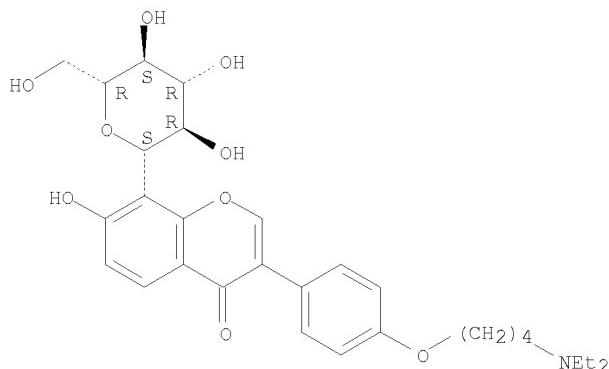


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 34 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-88-8 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 3-[4-[4-(diethylamino)butoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H37 N 09  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

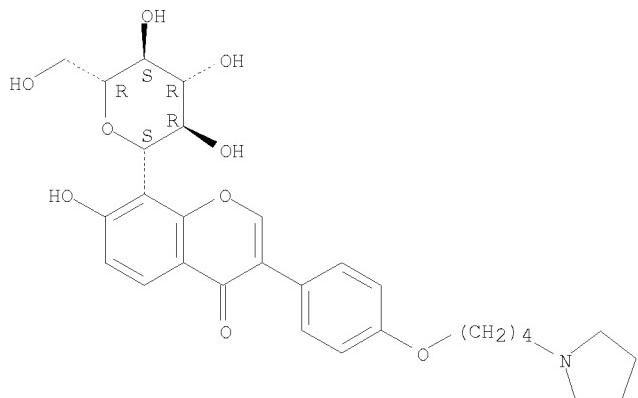
L3 ANSWER 35 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN

McIntosh

10/563,471

RN 816423-87-7 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[4-(1-pyrrolidinyl)butoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H35 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

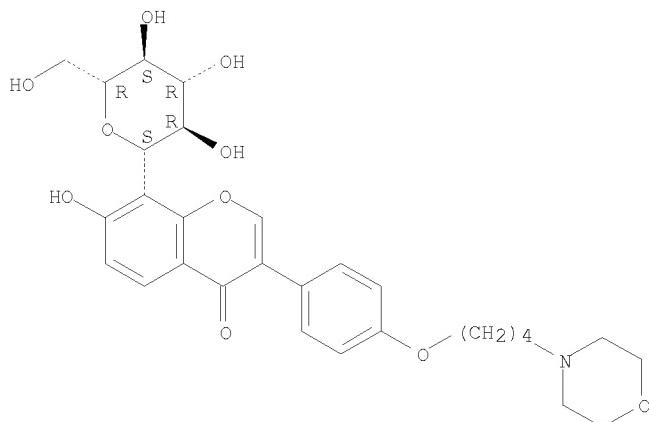


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 36 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-86-6 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[4-(4-morpholinyl)butoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H35 N O10  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



McIntosh

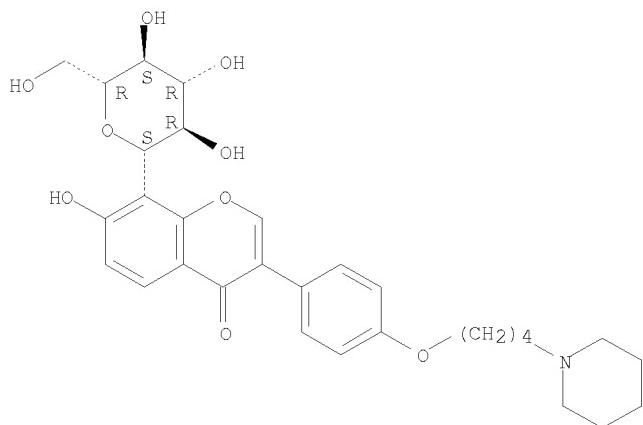
10/563,471

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 37 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-85-5 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[4-(1-piperidinyl)butoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C30 H37 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

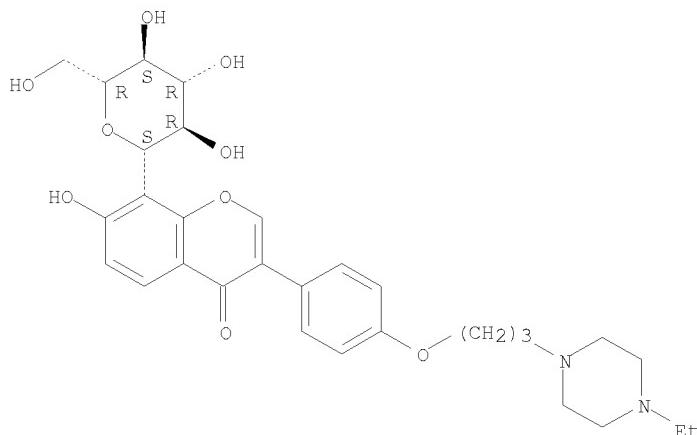


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 38 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-84-4 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 3-[4-[3-(4-ethyl-1-piperazinyl)propoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C30 H38 N2 O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

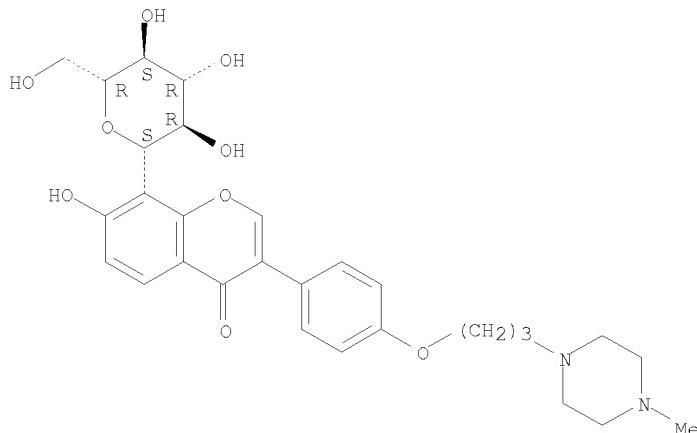


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 39 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-83-3 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[3-(4-methyl-1-piperazinyl)propoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H36 N2 O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



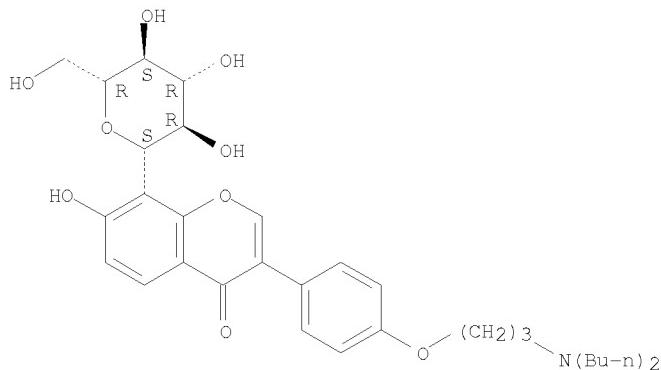
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 40 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-82-2 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 3-[4-[3-(dibutylamino)propoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)

FS STEREOSEARCH  
 MF C32 H43 N 09  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

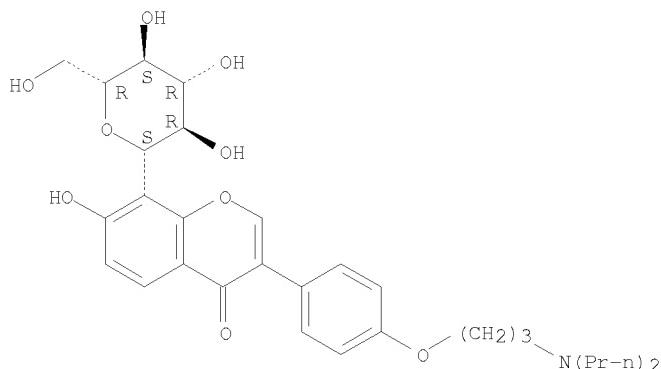


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 41 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 816423-81-1 REGISTRY  
 ED Entered STN: 19 Jan 2005  
 CN 4H-1-Benzopyran-4-one, 3-[4-[3-(dipropylamino)propoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C30 H39 N 09  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

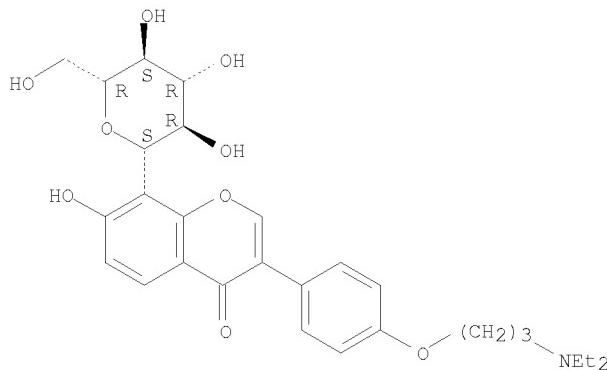
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 42 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 816423-80-0 REGISTRY  
 ED Entered STN: 19 Jan 2005  
 CN 4H-1-Benzopyran-4-one, 3-[4-[3-(diethylamino)propoxy]phenyl]-8- $\beta$ -D-glucopyranosyl-7-hydroxy- (CA INDEX NAME)  
 FS STEREOSEARCH

10/563,471

MF C28 H35 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

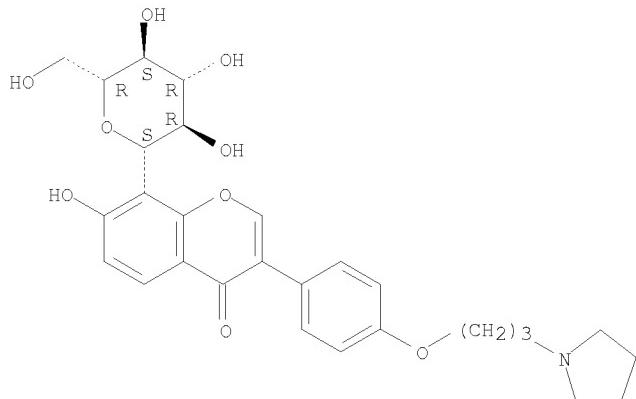


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 43 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-79-7 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[3-(1-pyrrolidinyl)propoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C28 H33 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

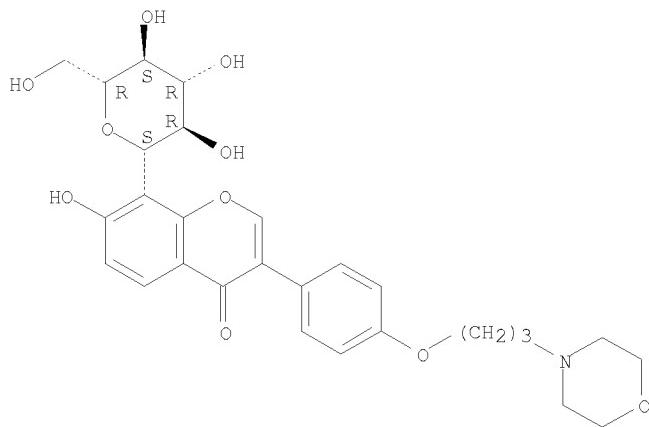
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 44 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-78-6 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[3-(4-morpholinyl)propoxy]phenyl]- (CA INDEX NAME)

10/563,471

FS STEREOSEARCH  
MF C28 H33 N O10  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

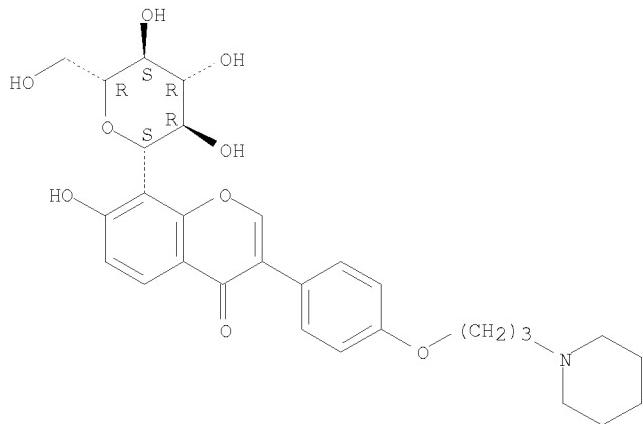


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 45 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 816423-77-5 REGISTRY  
ED Entered STN: 19 Jan 2005  
CN 4H-1-Benzopyran-4-one, 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-[4-[3-(1-piperidinyl)propoxy]phenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C29 H35 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



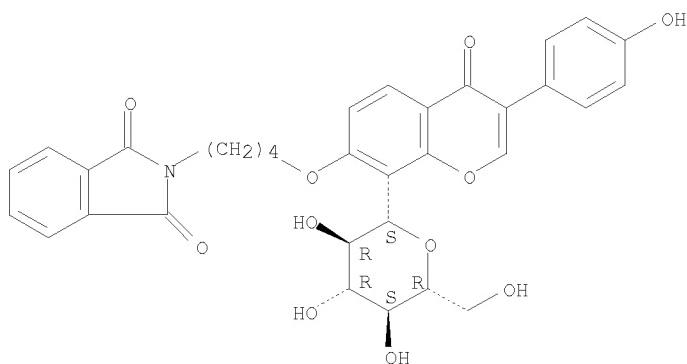
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

McIntosh

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 46 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 640275-77-0 REGISTRY  
 ED Entered STN: 22 Jan 2004  
 CN 4H-1-Benzopyran-4-one, 7-[4-(1,3-dihydro-1,3-dioxo-2H-isocindol-2-yl)butoxy]-8- $\beta$ -D-glucopyranosyl-3-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C33 H31 N O11  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

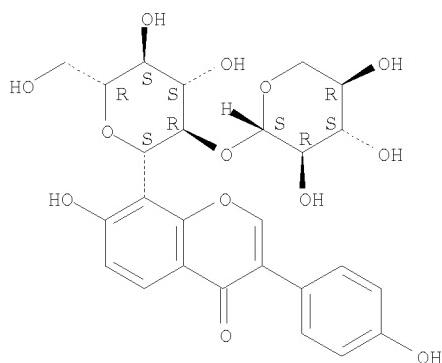


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 47 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 249512-95-6 REGISTRY  
 ED Entered STN: 30 Nov 1999  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-(2-O- $\beta$ -D-xylopyranosyl- $\beta$ -D-glucopyranosyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C26 H28 O13  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

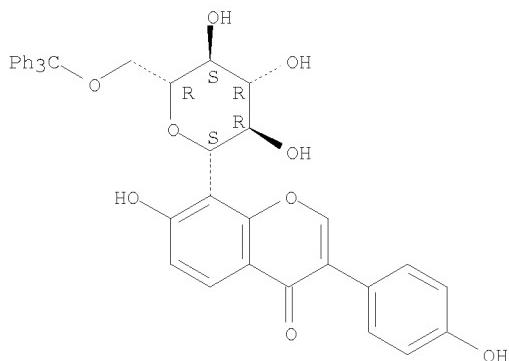


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 48 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 241824-68-0 REGISTRY  
 ED Entered STN: 27 Sep 1999  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[6-O-(triphenylmethyl)- $\beta$ -D-glucopyranosyl]- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C40 H34 O9  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

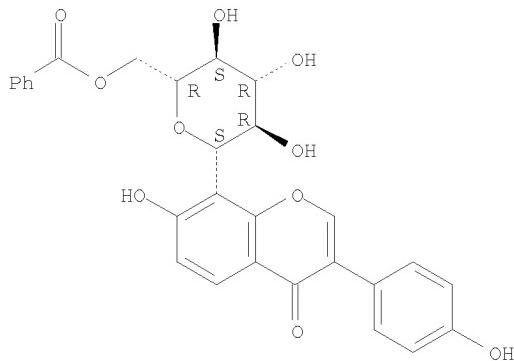


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 49 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 241824-67-9 REGISTRY  
 ED Entered STN: 27 Sep 1999  
 CN 4H-1-Benzopyran-4-one, 8-(6-O-benzoyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C28 H24 O10  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

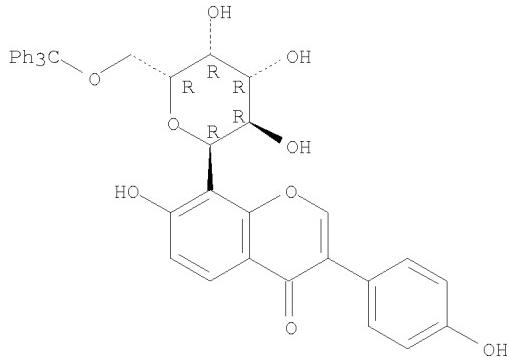


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 50 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 240131-06-0 REGISTRY  
 ED Entered STN: 18 Sep 1999  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-[6-O-(triphenylmethyl)- $\alpha$ -D-galactopyranosyl]- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C40 H34 O9  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

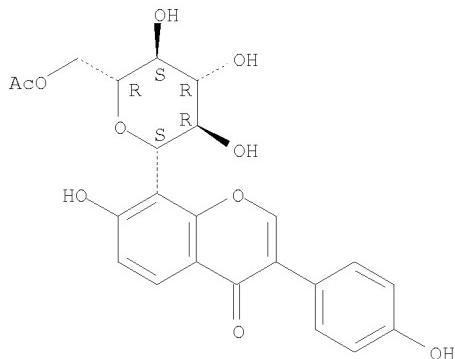


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 51 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 206358-03-4 REGISTRY  
 ED Entered STN: 04 Jun 1998  
 CN 4H-1-Benzopyran-4-one, 8-(6-O-acetyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 6''-O-Acetylpuerarin  
 FS STEREOSEARCH  
 MF C23 H22 O10  
 SR CAS Client Services  
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.

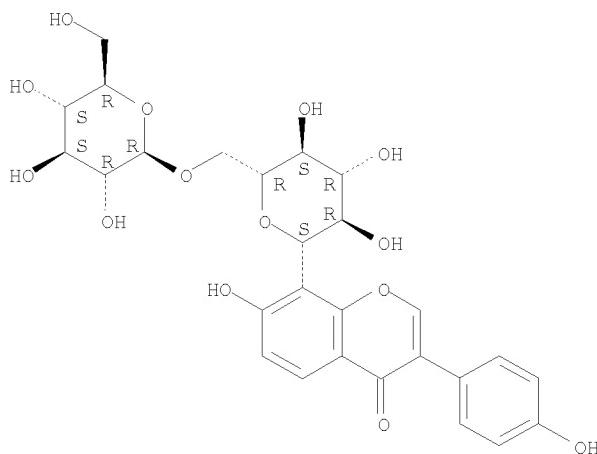


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 52 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 168060-90-0 REGISTRY  
 ED Entered STN: 26 Sep 1995  
 CN 4H-1-Benzopyran-4-one, 8-(6-O- $\beta$ -D-glucopyranosyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C27 H30 O14  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

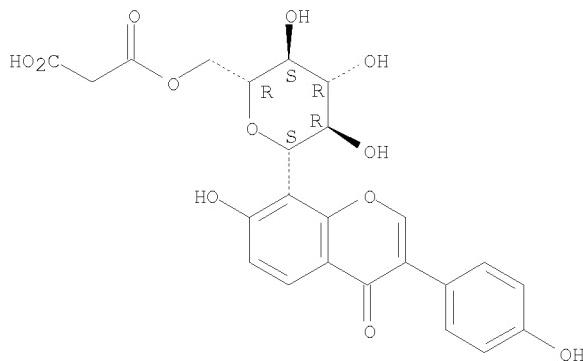


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 53 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 147899-32-9 REGISTRY  
 ED Entered STN: 03 Jun 1993  
 CN 4H-1-Benzopyran-4-one, 8-[6-O-(carboxyacetyl)- $\beta$ -D-glucopyranosyl]-7-hydroxy-3-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Propanedioic acid, 6'-ester with 8- $\beta$ -D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one  
 FS STEREOSEARCH  
 MF C24 H22 O12  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.

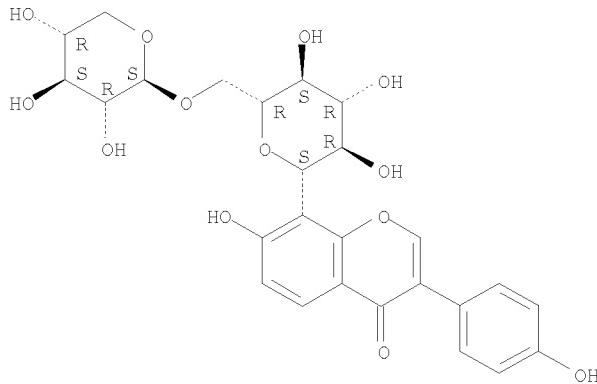


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 54 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 114240-18-5 REGISTRY  
 ED Entered STN: 07 May 1988  
 CN 4H-1-Benzopyran-4-one, 7-hydroxy-3-(4-hydroxyphenyl)-8-(6-O- $\beta$ -D-xylopyranosyl- $\beta$ -D-glucopyranosyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 DR 871233-03-3  
 MF C26 H28 O13  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



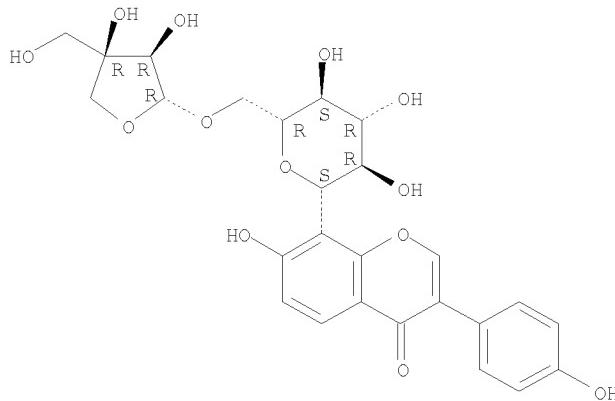
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1907 TO DATE)  
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 55 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 103654-50-8 REGISTRY  
 ED Entered STN: 09 Aug 1986  
 CN 4H-1-Benzopyran-4-one, 8-(6-O-D-apio- $\beta$ -D-furanosyl- $\beta$ -D-glucopyranosyl)-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 OTHER NAMES:  
 CN Mirificin  
 CN Puerarin apioside  
 FS STEREOSEARCH  
 DR 114266-69-2  
 MF C26 H28 O13

SR CA  
 LC STN Files: ANABSTR, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

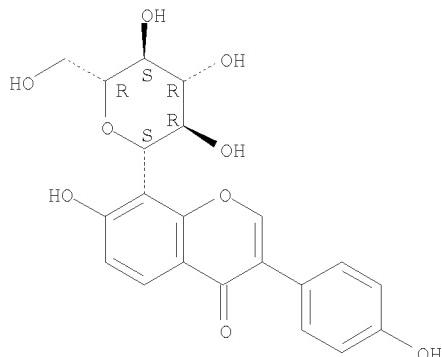
20 REFERENCES IN FILE CA (1907 TO DATE)  
 20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 56 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 88418-04-6 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-1-Benzopyran-4-one, 8-β-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-, monomethyl ether (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C22 H22 O9  
 CI IDS  
 LC STN Files: CA, CAPLUS

CM 1

CRN 3681-99-0  
 CMF C21 H20 O9

Absolute stereochemistry.



CM 2

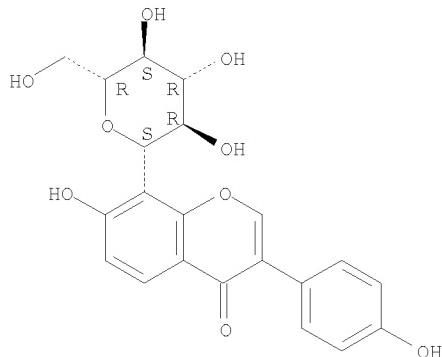
CRN 67-56-1  
 CMF C H4 O

H<sub>3</sub>C—OH

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 57 OF 57 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 3681-99-0 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 4H-1-Benzopyran-4-one, 8-β-D-glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Puerarin (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN Kakonein  
 CN NPI 031G  
 FS STEREOSEARCH  
 MF C21 H20 O9  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, NAPRALERT, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.

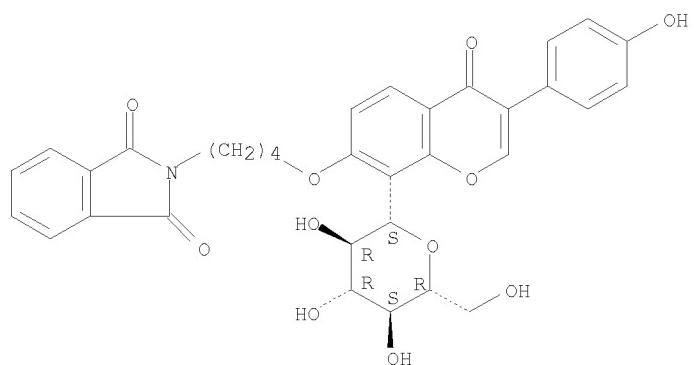


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1691 REFERENCES IN FILE CA (1907 TO DATE)  
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1719 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 640275-77-0/rn  
 L5 1 640275-77-0/RN  
 => d scan  
 L5 1 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN  
 IN 4H-1-Benzopyran-4-one, 7-[4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)butoxy]-8-β-D-glucopyranosyl-3-(4-hydroxyphenyl)- (9CI)  
 MF C33 H31 N 011

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED